



# State of Utah

DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

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DOGM  
MINERALS PROGRAM  
FILE COPY

June 11, 1991

Ken A. Kluksdahl  
Tenneco Minerals  
P.O. Box 2650  
955 North 1300 West #4  
St. George, Utah 84770

RE: Final Response to Item No. 4 Notice of  
Violations and Order Docket No. I91-03

Dear Mr. Kluksdahl:

We have reviewed your letter dated May 30, 1991, along with the results submitted to us on May 15, 1991, of the investigation prepared by JBR Consultants, of the clay liner under the barren solution pond.

This information contains the plan for a ground water investigation as required in the Notice of Violation and Order Item No. 4. This plan satisfies Item No. 4 in the Order with the following exclusions:

1. The two existing wells on the East Fork of Beaver Dam Wash located up-gradient of the mine access road, should be added to the sampling list.
2. A geologic cross section should be graphed between the mine and the east fork of the Beaver Dam Wash showing water level, test wells, etc. We need to determine, if possible, what rocks the perched water is in.
3. Potassium should be added to the sampling list (page 6).

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4. Clean-up of contaminated portions of soil found under the process ponds must still be addressed. It is possible this could be considered at the time of closure of the facility. In this case, the closure plan required as part of the ground water discharge permit will need to so reflect this contingency.

If you have any questions, or wish to discuss this issue further, please call Mr. Lyle Stott or Kiran Bhayani at 538-6146.

Sincerely,

Don A. Ostler, P.E., Director  
Bureau of Water Pollution Control

DAO:lws:rvg

cc: Mr. Wayne Thomas, Southwest Health Department  
Division of Oil, Gas & Mining  
JBR Consultants

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